WHAT IS CLAIMED IS:

A transaction managing apparatus, comprising:

a transaction defining unit for defining a plurality of kinds of unsettled transaction types by combining a plurality of predetermined categories; and

a management control unit for designating one of said plurality of kinds of unsettled transaction types by an interactive operation with the operator and managing and controlling processes in a lump from the start of the transaction to the end.

- 2. An apparatus according to claim 1, wherein said transaction defining unit defines the unsettled transaction types by combining at least a sales sum-up timing, the presence or absence of necessity of prepayment, and a delivering method of goods as said categories.
- 3. An apparatus according to claim 2, wherein as said unsettled transaction types, said transaction defining unit defines at least one of:

an unsettled transaction of prepayment of a total amount, namely, a deferred pickup transaction on the principle of occurrence in which sales are summed up upon occurrence of the transaction;

an unsettled transaction of prepayment of a total amount, namely, a deferred pickup transaction on the

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principle of completion in which sales are summed up upon completion of the transaction;

an unsettled transaction of deferred payment sales for a specific customer, namely, a deferred payment transaction on the principle of occurrence in which sales are summed up upon occurrence of the transaction; and

an unsettled transaction of deferred payment sales for a specific customer, hamely, a deferred payment transaction on the principle of completion in which sales are summed up upon completion of the transaction.

4. An apparatus according to claim(3) wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon occurrence of the transaction, a prepayment of a total amount is necessary, and a delivery of goods is set to a postdelivery with respect to said deferred pickup transaction on the principle of occurrence.

5. An apparatus according to claim 4, wherein in the case where said deferred pickup transaction on the principle of occurrence is selected as an unsettled transaction type, said management control unit:

sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip

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number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of unpayment, an issue of a customer copy with said slip number, and a sum-up of sales amounts; and

sequentially executes, as processes upon delivery, a display of incomplete transaction information by an input of the slip number, a registration of a delivery, and a termination of the incomplete transaction.

6. An apparatus according to claim 3, wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon completion of the transaction, a prepayment of a total amount is necessary, and a delivery of goods is set to a postdelivery with respect to said deferred pickup transaction on the principle of completion.

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7. An apparatus according to claim 6, wherein in the case where said deferred pickup transaction on the principle of completion is selected as an unsettled transaction type, said management control unit:

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sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a

registration of goods, a registration of an amount of payment, a confirmation of a payment of a total amount, an error display in case of unpayment, and an issue of a customer copy with said slip number; and

sequentially executes, as processes upon delivery, a display of incomplete transaction information by an input of the slip number, a registration of a delivery, a sum-up of sales amounts, and a termination of the incomplete transaction.

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- 8. An apparatus according to claim 3, wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon occurrence of the transaction, a prepayment is unnecessary, and a delivery of goods is set to a predelivery with respect to said deferred payment transaction on the principle of occurrence.
- 9. An apparatus according to claim 8, wherein in the case where said deferred payment transaction on the principle of occurrence is selected as an unsettled transaction type said management control unit:

sequentially executes, as processes upon

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number, an input of a delivery date of goods, a
registration of goods, a registration of an amount of

payment including a zero payment, an issue of a customer copy with said slip number, a sum-up of sales amounts, and a registration of a delivery; and

sequentially executes, as processes upon payment, a display of incomplete transaction information by the input of said slip number, a registration of an amount of payment, and in case of a zero balance, a termination of the incomplete transaction.

10 10. An apparatus according to claim 3, wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon completion of the transaction, a prepayment is unnecessary, and a delivery of goods is set to a predelivery with respect to said deferred payment transaction on the principle of completion.

11. An apparatus according to claim 10, wherein in the
20 case where said deferred payment transaction on the
principle of completion is selected as an unsettled
transaction type, said management control unit:

sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment including a zero payment, an issue of a

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customer copy with said slip number, and a registration of a delivery; and

sequentially executes, as processes upon payment, a display of incomplete transaction information by the input of said slip number, a registration of an amount of payment, a sum-up of sales amounts in case of a zero balance, and a termination of the incomplete transaction.

10 12. An apparatus according to claim 1, wherein:

said transaction defining unit has an incomplete transaction management table, a type code table, an incomplete transaction line item information table, and a payment information management table;

basic management information such as store number, incomplete transaction slip number, type code, transaction serial number upon occurrence, date and time of occurrence, dustomer number, requested amount, amount of down payment, balance, scheduled delivery date, delivery completion flag, sum-up possible/impossible flag, totalization completion flag, and the like is stored in said incomplete transaction management table;

of said incomplete transaction management table, and category combination information such as sum-up timing, prepayment necessary/unnecessary flag, predelivery

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possible/impossible flag, method of tender, delivering method, and the like is stored in said type code table;

said incomplete transaction line item information table is designated by an incomplete transaction slip number in said incomplete transaction management table, and goods management information such as goods code, unit price, quantity, discount information and the like is stored in said incomplete transaction line item information table; and

said payment information management table is designated by an incomplete transaction slip number in said incomplete transaction management table, and payment management information such as date and time of payment, paid amount, kind of tender, and the like is stored in said payment information management table.

13. An apparatus according to claim 12, wherein on the basis of each table information of said transaction defining unit, said management control unit displays a list showing the incomplete transactions, a list of the customers who do not come to receive goods even after the scheduled delivery date, a list of the customers who do not come to pay after the term of payment, a list of the payment situations, and the like as a whole list or every type.

14. A transaction managing method for a POS terminal,

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comprising the steps of:

defining a plurality of kinds of unsettled transaction types by combining a plurality of predetermined categories; and

designating one of said plurality of kinds of unsettled transaction types by an interactive operation with the operator and managing and controlling processes in a lump from the beginning of the transaction to the end.

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15. A recording medium which stores a transaction management program wherein said transaction management program comprises the steps of:

defining a plurality of kinds of unsettled transaction types by combining a plurality of predetermined categories; and

designating one of said plurality of kinds of unsettled transaction types by an interactive operation with the operator and managing and controlling processes in a lump from the beginning of the transaction to the end.

16. A transaction system in which a plurality of terminal apparatuses are connected through a network to a server for managing transaction information, wherein each of said terminal apparatuses comprises:

a transaction defining unit for defining a

plurality of kinds of unsettled transaction types by combining a plurality bf predetermined categories; and

a management control unit for designating one of said plurality of kinds of unsettled transaction types by an interactive operation with the operator and managing and controlling processes in a lump from the beginning of the transaction to the end.